


REMARKS

Applicants believe that all pending claims are allowable and respectfully requests a Notice of Allowance for this application from the Examiner. Should the Examiner believe that a telephone conference would expedite the prosecution of this application, the undersigned can be reached at the telephone number set out below.

Respectfully submitted,
BEYER WEAVER & THOMAS, LLP



Jeffrey K. Weaver
Reg. No. 31,314

COPY

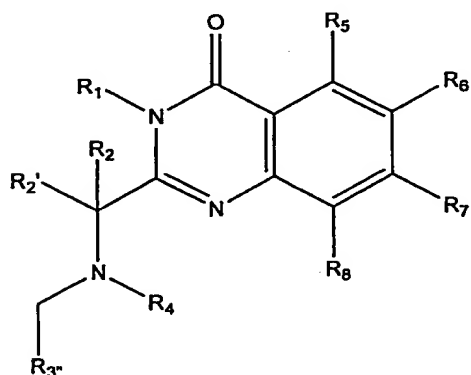
P.O. Box 778
Berkeley, CA 94704-0778

APPENDIX OF PENDING CLAIMS

1-30. Canceled

31. (Amended)

A compound having the following structure:



COPY

wherein:

R₁ is chosen from hydrogen, alkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, and substituted alkylheteroaryl;

R₂ and R₂' are independently chosen from hydrogen, alkyl, oxaalkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, and substituted alkylheteroaryl; or R₂ and R₂' taken together form a 3- to 7-membered ring;

R₃ is chosen from hydrogen, alkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, substituted alkylheteroaryl, oxaalkyl, oxaalkylaryl, substituted oxaalkylaryl, R₁₅O- and R₁₅-NH-;

R₃' is chosen from hydrogen, alkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, substituted alkylheteroaryl and R₁₅-NH-;

R₃'' is chosen from alkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, and substituted alkylheteroaryl;

R₄ is chosen from hydrogen, alkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, substituted alkylheteroaryl, and R₁₆-alkylene-;

R₅, R₆, R₇ and R₈ are independently chosen from hydrogen, alkyl, alkoxy, halogen, fluoroalkyl,

nitro, dialkylamino, alkylsulfonyl, alkylsulfonamido, sulfonamidoalkyl, sulfonamidoaryl, alkylthio, carboxyalkyl, carboxamido, aminocarbonyl, aryl and heteroaryl;

R₁₅ is chosen from hydrogen, alkyl, aryl, alkylaryl, heteroaryl, alkylheteroaryl, substituted alkyl, substituted aryl, substituted alkylaryl, substituted heteroaryl, and substituted alkylheteroaryl;

R₁₆ is chosen from alkoxy, amino, alkylamino, dialkylamino, N-heterocyclyl and substituted N-heterocyclyl;

with the proviso that when R₃ is R₁₅-NH- attached to carbonyl, both of R₂ and R₄ must be other than hydrogen.

32-52. Canceled

COPY

53. (Amended) A compound according to claim 31 wherein:

R₁ is chosen from hydrogen, lower alkyl, substituted lower alkyl, benzyl, substituted benzyl, phenyl, naphthyl and substituted phenyl;

R₂ is chosen from hydrogen, lower alkyl and substituted lower alkyl and R₂' is hydrogen;

R₃ is chosen from C₁-C₁₃ alkyl; substituted lower alkyl; phenyl; naphthyl; phenyl substituted with halo, lower alkyl, lower alkoxy, nitro, methylenedioxy, or trifluoromethyl; biphenyl, benzyl and heterocyclyl; and

R₄ is chosen from lower alkyl, substituted lower alkyl, cyclohexyl; phenyl substituted with hydroxy, lower alkoxy or lower alkyl; benzyl; substituted benzyl, heterocyclyl, heteroarylmethyl; heteroarylethyl; heteroarylpropyl and R₁₆-alkylene, wherein

R₁₆ is di(lower alkyl)amino, (lower alkyl)amino, amino, lower alkoxy, or N-heterocyclyl.

54. A compound according to claim 53 wherein

R₁ is chosen from lower alkyl, benzyl, substituted benzyl and substituted phenyl;

R₂ is hydrogen or lower alkyl;

R₂' is hydrogen;

R₃ is chosen from substituted phenyl, heterocyclyl and naphthyl;

R₄ is chosen from substituted benzyl, heterocyclyl substituted lower alkyl and R₁₆-alkylene-;

R₆ and R₇ are chosen from hydrogen and halo;

R₅ and R₈ are hydrogen;

R₁₆ is chosen from di(lower alkylamino), (lower alkyl)amino, amino, pyrrolidino, piperidino, imidazolyl and morpholino.

55. A compound according to claim 54 wherein

R₁ is benzyl;

R₂ is ethyl;

R₂' is hydrogen;

R₃ is chosen from halophenyl, polyhalophenyl, tolyl, dimethylphenyl, methoxyphenyl, dimethoxyphenyl, cyanophenyl, trifluoromethylphenyl, trifluoromethoxyphenyl, bis(trifluoromethyl)phenyl, carboxyphenyl, t-butylphenyl, methoxycarbonylphenyl, piperidinyl and naphthyl;

R₄ is chosen from substituted benzyl, piperidinyl, hydroxy(lower alkyl) and R₁₆-alkylene-;

R₆ and R₇ are chosen from hydrogen and halo;

R₅ and R₈ are hydrogen;

R₁₆ is chosen from dimethylamino, amino, pyrrolidinyl and piperidinyl.

56. (Amended) A compound according to any of claims 53 to 55 wherein the stereogenic center to which R₂ and R₂' are attached is of the R configuration.

57-59. Canceled

COPY